

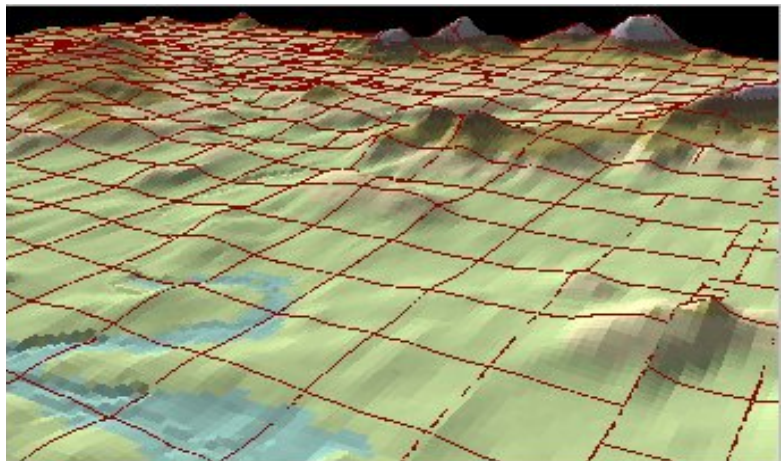
GCDB Data Preparation

March 2000

Geographic Coordinate Data Base

The GCDB Data Preparation Project manages the development and maintenance of software applications specific to the Geographic Coordinate Data Base (GCDB). GCDB is an integrated network of survey records, horizontal control, and land descriptions, that together portray the Public Land Survey System (PLSS). The GCDB data is collected by the BLM State Offices to provide a high-quality framework for Geographic Information Systems (GIS) and related uses.

The most significant software managed by the project is GCDB Data Prep. The Data Prep software is used by GCDB State Offices to cleanup and standardize the GCDB data they have collected. Once the GCDB is "prepared" the Data Prep software is used to build GCDB Coverages. These coverages are output in export file format (e00 files) that can be used as the base layer for GIS software products - to depict the GCDB spatially.



GCDB Grid

Over Sedona Arizona Shaded Relief

In the future, Data Prep will interact with LR2000 to assign and validate polygon labels and build minor subdivisions. These functions are needed to transition the GCDB and other land records to the National Integrated Land System (NILS).

Another software development effort managed by the Data Prep Project is the GCDB Download Site. This Internet site will provide sophisticated, user-friendly selection tools, so the public can easily obtain the GCDB at no cost. The site is intended to serve GCDB data in both flat file and coverage format. The GCDB Download Site will be available to the public as soon as BLM Security and National Configuration Management Board (NCMB) requirements are met.

The Data Preparation Project provides support for the National GCDB effort. The project provides training, software documentation, and user support to assist the State Offices in preparing the GCDB. It tracks GCDB data collection progress for the State Offices and provides this information to BLM Management on a quarterly basis. The project maintains the public GCDB National Home Page at www.blm.gov/gcdb and the BLM internal GCDB Data Preparation Home Page at web.blm.gov/lris/gcdb.